

Problems and difficulties

Public educational system offers utterly restricted access to the knowledge database. The purpose of the educational system is not to enlighten people but totally opposite - to make them susceptible to the "certified intelligence" under which term I mean "all sorts of professions and confessions confirmed by the local government or international organization(s)" or, in other words, to mentally enslave them.

No public school or faculty actually makes you smart. They just give you the paper stating that you attained knowledge in the respective field. And now I have to suffer from the ignorance of an incompetent bureaucrats and mediocrities chosen to represent the government.

There is an exception. Doctors of science are also considered doctors of philosophy. But again, nothing testifies better than a real-time presentation. Oh, I have seen too many suspicious doctors and experts.

The person who is an auto-didact, like me, is not recognized as an intellectual entity.

If you look at the Internet you will find that important informations are scattered across and that it takes time to detect a single precise answer. There are two preconditions before you can start exploring: having outstanding English language skills and a familiarity with the Web search tools - yet both preconditions are fading away as time passes due to the technological advancements of the translation and browsing software. Then you have to find relevant sources and compare different relevant sources because there is often significant variances or even discrepancies present. I caught myself few times citing the credible source and later discovering that it was wrong. I remember two occasions: one regarding the "photosynthesis 100% converting efficiency" and second regarding the "Chicken and egg" dilemma. You simply must not trust anyone or anything rather check everything by yourself. Moreover, double and triple check. Of course, this action requires objective analytical-critical approach not possessed by the majority of people due to their infliction with a certain interest group(s) or private motive/s or merely as a result of a lacking the sufficient education or ability requested.

For the time being, humanity is a malicious parasite roaming around producing havoc. Is there a cure, a vaccine? Yes. It is called "learning".

What is "learning"? Is it pure data infusion following "the more the better" approach? Most people think so. But no. Learning is a much subtle process which includes comparing, weighting, filtering, accepting, connecting, contemplating and concluding.

That is why old Masters said "learning is not just adding but deducting as well" or "you must unlearn what you have learned". I mean, they bombard us with theoretical and disconnected knowledge that we can not use in the everyday life.

To understand something, in its nature, you must both dive deep and distance yourself observing the matter from every possible angle, both internally and externally.

Dear friends, I have but one single goal: derivation of the "Grand Unified Theory" or the "Theory of Everything". Some have started, like late Dr. Hawking, and I will continue. Despite the obstructions, false accusations and insults made against me. Despite an underestimation. Despite all odds. You ask...

Who am I to challenge the God(s)?

The God(s)? Or those who claim to speak in their name?

On contrary, I do not speak for any God or the absolute Supreme Being. It doesn't need a spokesman. IT HAS THE POWER! It has the megaphone - the quantum field, the cosmic neural network - to directly reshape and reorganize reality as It pleases. And beyond borders of this Universe into the "conditional" infinity of the parallel worlds. Remember that for us humans "undefinable" is as good as "infinite".

I do not look for a visual, symbolic signs of the divine nature like I used to before. Instead, sometime ago I started looking into the Complex. I started to observe the switches, the junctions, the crossroads of the Existence. In my thoughts I venture deep into the Truth.

Yet...

I do not claim to speak the Truth.

There is no need.

The Truth speaks for Itself.

Just like the Sunlight shines: independent of anyone's assistance.

Gratefully, I have one companion called the scientific method to aid me in my (our) noble quest.

Where we stand today?

We have plausible theories about Universe origin, both scientific and religious, none entirely disputable or indisputable. That is exactly why they are called "plausible theories". My personal view is that there are four (4) equally possible First causes of this Cosmos, existing in the superposition, being: 1) God, 2) Nature itself, 3) computer simulation (beyond this reality) and 4) higher specie.

Why God? Because using Occam's razor principle the simplest explanation is the most convincing and very likely true. But it is actually more an excuse than an explanation because you just moved the question one step further.

How Nature itself? Either by Penrose CCC, my LTT or any other reasonable model. Yes, it is mind-blowing fact that the Universe could be the perfect pendulum, or that it started Ex Nihilo, but - it could be swinging back and forth - eternally! maybe originating from the nothing. My concept of nothing includes two logically detectable properties and related values: no-space and no-time, infinity and eternity as the fundamental substances from which everything else arose.

Third and Fourth solution raise the question one level up or one level down not giving the final answer about the true origin. The supercomputer could exist outside of this reality (hyper spacetime) or it could be invented in a distant future, enabled and, well, here we are thinking that our human civilization is the only intelligent life and even the beginning of it. Although equally plausible, this later two (virtual reality and higher specie) just move us one step in an infinite regress potential I always want to avoid.

There is a very interesting thing called the "cyclic redundancy check". It is an error-detecting code used in a digital environments for the purpose of discovering and repairing accidental mistakes that occur during the program execution.

<https://www.scientificamerican.com/article/are-we-living-in-a-computer-simulation/>

Dr. James Gates, theoretical physicist at the University of Maryland, spoke about "an error correcting codes" that he found in his research: "They are present in the equations I was studying about quarks and electrons and supersymmetry". Wow! So, according to dr. Gates, the Universe is using an error correcting codes to straighten itself when necessary. This implies that we live in a simulation but it could also be the case with the higher specie solution if they made the simulation.

God or Nature could also did it. Maybe, God produced long series of realities, each consecutive more perfect than the previous one, and then, after becoming more experienced with the process, decided to improve the former ones without rewriting an entire code - It just threw in this specific instructions. Or this reality is the only one but the same thing happened as described in the previous sentence: after doing much of the work, or perhaps all, It noticed critical oversights which It improved adding the correction code segment. It is much easier, more convenient than starting all over.

Nature? Perhaps the Universe is a living organism which grows and develops its genetic material in the same manner as organic creatures on the Earth adapted their DNA during the course of an evolution - which is a constant process lasting as long as we exist.

But "error correcting code" could be present from the beginning "in case that specific fault occurs". It doesn't need to be introduced later. This actually sounds more convincing.

Anyway, Dr. Gates made a noteworthy discovery. I will read more about his work and, if true, definitely include it in some of my future articles.

Higher specie solution, besides extra-terrestrial or extra-reality beings, includes members of the human race arriving from the future or another place of an origin different than ours in whatever terms we speak (galaxy, Universe, reality).

Higher specie could have planted a life seed. It would neatly explain the Cambrian explosion. But I still think that the Cambrian explosion happened due to the specific change in the Earth's chemical composition when larger amounts of a certain element(s), biologically crucial for life development, became available. I will discuss Cambrian explosion in my future article about "Atheism vs Religion debate" therefore I finish with this subject for now.

Higher specie may have character of 1) benevolent scientists and explorers or 2) malevolent colonizers and slave traders. This second possibility is

exactly why I am enraged with sending messages, like Arecibo and later, in the outer space. It is a notorious stupidity. It could even be that aliens which arrived accidentally on the Earth, accidentally because of the vastness of the spacetime or their contemporary technological inability to precisely choose the place and time of an arrival, sort of random quantum jump, decided to send the message with a sole purpose of informing their headquarters.

I would consider every message sent being an act of treason against the humanity. Or dangerous recklessness. Very weird fact is that known scientists, acclaimed experts like Sagan and Drake, did it back in 1974. to a specific target about 25,000 light-years away. What is there? Messier 13 galaxy (M13) catalogued as NGC 6205. Why did they choose that spot?

Others, like Hawking, disagree saying it is hazardous. I have the same opinion.

Hawking said it like this (at the Breakthrough event in 2015.): If you look at the history, contact between humans and less intelligent organisms have often been disastrous for the later and encounters between civilizations with advanced versus primitive technologies easily could gone bad for the less advanced... A civilization reading one of our messages could be technologically billions of years ahead of us. If so, they will be vastly more powerful...

Nowadays, some scientists want to repeat the message with much more details included. They call it "Beacon in the Galaxy". Don't you have wiser things to do instead of pointing every potential malevolent entity toward us, the Earth, our home?

What is the "Grand Unified Theory" or the "Theory of Everything"?

It is the search for an absolute Truth - the cause and an explanation of the Origin of the Universe and any realm beyond it.

We could be just a tiny dot in the span of the Multiverse.

Imagine...Us... Fractal...

Complex... Could be fractal! Meaning every Universe grows out from the former preserving the chain code or evolving into something higher.

Origin of the Universe is not inside but outside of it. Inside are numerous clues about the Origin which we must properly account.

There is an evident order in the Universe: everything is a logical consequence of the prior causes.

Where there is an order must be the Law.

If there is the Law... There must be the Lawmaker!

And that Law must have divine reflections in its design revealing us parts of the God's identity.

Devising GUT (ToE) is like playing with the ultimate puzzle, putting all the pieces together to discover the final image.

Do you know how God looks like? It has no form or shape but can take any form or shape as It wills. It is infinite and eternal. There is no wisdom higher than Its. Yet... God could be fractal! How can It be sure that It is really an ultimate being? That is the only thing even God, an absolute Supreme Entity, can not know for certain. It can believe just like humans believe but knowing this one particular thing It can not.

God can create stone too heavy to be thrown which It can throw. Practice makes perfect. God will train and throw the stone when It feels ready. We have satisfied both criteria: "can create stone too heavy to be thrown" and "God can throw it" either by 1) introducing a little physical exercise or 2) accounting for the God's transcendence by means of quantum mechanics where both situations occur simultaneously - in different temporal zones or entirely new realities.

Do you know what is an infinity? It is a no-space.

Do you know what is an eternity? It is a no-time.

Opposites emerge from each other. $0 = -1 + 1$ or $+1 = 0 = -1$.

"If I tell you what I know it could kill you."

Try this.

No-Space and no-Time were once unrelated, existing separately as different phenomena.

The two merged in the Singularity becoming one. This needed an external impulse from the hyperreality or just an idea to create the Universe.

No-space and no-time when together (multiplied) switch into the spacetime.
-S multiplied with -T give positive result ST.

Vice versa, concentrating the sufficient amount of energy into the maximally small area, using strong pinpoint lasers, we can break spacetime continuum apart into its fundamental ingredients. With certain risk involved... Complete disaster.

Or this...

What do we get when we divide any rational number with zero (0)? We get an infinity (∞). My Windows calculator (standard mathematics) says "Cannot divide by zero" which is illogical.

What do we get when we divide any rational number with an infinity (∞)? We get zero (0). My Windows calculator (standard mathematics) doesn't even offer calculations using an infinity. How silly.

Here is an explanation:

Let us consider a simple equation where Z equals X divided by Y.

$$Z = X / Y.$$

Let us try different values for Y while we keep X at 1 for the sole purpose of simplifying because the same principle applies for any X rational value. Zero (0) and infinity cases will be discussed subsequently.

First situation: X = 1, Y = 1 or dividing 1 with 1. We get 1 as well.

$$Z = 1 / 1 = 1.$$

Ok?

Now change the Y value into one half or $1/2$ (0.5). In other words, decrease the Y value.

$$Z = 1 / 0.5 = 2.$$

Z value has increased.

Let us see what happens if we increase the Y value.

$$\text{If } Y = 2 \text{ then } Z = 1 / 2 = 0.5$$

Z value has decreased.

By decreasing the Y value we increased the Z value. By increasing the Y value we decreased the Z value. Obviously, Z and Y values are inversely proportional. The more we decrease or increase one of them the second will equivalently increase or decrease (do exactly opposite).

Good?

Let us gradually decrease the Y value using exponential change to accelerate the process: $Y = 0.1$, $Y = 0.01$, $Y = 0.001$, $Y = 0.0001$ and so on...

Now we have this:

$$Z = 1 / 0.1 = 10.$$

$$Z = 1 / 0.01 = 100.$$

$$Z = 1 / 0.001 = 1000.$$

$$Z = 1 / 0.0001 = 10000.$$

Etc.

The more we decrease the value of Y equivalently we increase the value of Z.

Right?

Finally, if we divide with zero (0) we will get an infinite value for Z.

$$Z = 1 / 0 = \infty$$

Isn't that logical?

Let us increase the Y value.

$Y = 10, Y = 100, Y = 1000, Y = 10000$ and so on.

In this scenario the value of Z will equivalently decrease!

$$Z = 1 / 10 = 0.1$$

$$Z = 1 / 100 = 0.01$$

$$Z = 1 / 1000 = 0.001$$

$$Z = 1 / 10000 = 0.0001$$

Etc.

Finally, if we divide with an infinity (∞) we get zero (0) result for Z.

$$Z = 1 / \infty = 0.$$

In the case of the black hole singularity, meaning practical application, who knows what this revelation implies? It is beyond rational understanding.

What if we take zero (0) or an infinite value (∞) for X. Now things could become tricky... Or not? Let's see...

We have this two possible situations:

$$Z = 0 / Y \text{ and } Z = \infty / Y.$$

In case $X = 0$ for any Y rational value the result will be, in pure mathematical terms, also zero (0) because nothing (0) divided with any rational number gives nothing (0) in return. For example, you divide the zero (0) into one hundred pieces. You get one hundred pieces of the zero (0).

$Z = 0 / Y = 0.$

Note that we are talking in a pure mathematical terms were nothing really means zero (0). My concept of the primordial nothing is a different thing.

In case $X = \infty$ we have:

$Z = \infty / Y = \infty.$

If we divide an infinity with any rational number we get an infinity (∞) result back meaning every piece of an infinity is also infinite. For example, you divide an infinity into one hundred pieces. You get one hundred pieces of an infinity with every single piece also being infinite.

Emptiness is too deep! Send your God(s) and their armies! The limitless void, the eternal darkness is waiting. No borders, no bottom, since... Forever.

Do you know why? Because, the only two things that certainly need no prior cause for their existence are "nothing" (no-space) and "noduration" (no-time), logically, they are the true relics of the Being. Tell me another one if you can. Just don't start with the God is infinite and eternal because first you must prove that It exists in the meaning you propose.

Nothing needs no cause for its existence.

Noduration needs no cause for its existence.

Why would they need a cause to exist since they do not?

But joined (multiplied) they produce spacetime and then the fun starts... What merged them? Pure logic: if nothing (not) exists for noduration (eternity) then logically It must went through the phase transition consequently becoming the (initial) singularity which is the first thing that had prior cause(s) of its existence: nothing and noduration. As well, as being

the start of the spacetime.

Whenever something happens, any event, there is a related duration of that something, of that event, while it is ongoing. Therefore, time could exist, under the shadows, solely as a potential waiting to be exploited. Or time could just be a consequence of an action not (one of) the starting condition(s)...

The penultimate paragraph, next-to-last, is a sort of introduction for my next article titled "Time Travel - can we arrive sooner than before?" scheduled for the writing as soon as I finish "subscription" sections of the "Intelligence and Artificial Intelligence" and "SCREEN PJ" articles which I plan to do in the following days together with the renewal (update) of my text "Destructive Cosmic Events (DiCEs).